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## Product Datasheet

### Smooth Muscle Actin(1A4), 1mg/mL, Clone: [1A4], Mouse, Monoclonal BOT-BNUM0665-50

Article Name	Smooth Muscle Actin(1A4), 1mg/mL, Clone: [1A4], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM0665-50
Supplier Catalog Number	BNUM0665-50
Alternative Catalog Number	BOT-BNUM0665-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Bovine, Canine, Feline, Gallus, Goat, Guinea pig, Human, Monkey, Mouse, Porcine, Primate, Rabbit, Rat, Sheep
Immunogen	N-Terminal decapeptide of alpha smooth muscle isoform of actin and conjugated to KLH.
Product Description	Actin is a major component of the cytoskeleton and is present in most cell types. This MAb is highly specific to actin from smooth muscles. Its epitope lies in the first four N-terminal amino acids. This MAb does not stain cardiac or skeletal muscle,...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[1A4]
Molecular Weight	42 kDa

UniProt	<a href="#">P62736</a>
Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user